



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

Norman H. Bangerter
Governor
Kenneth L. Alkema
Executive Director
Don A. Ostler, P.E.
Director

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146
(801) 538-6016 Fax
(801) 536-4414 T.D.D.

November 25, 1992

Mr. Dave Hodson, Manager
Barney's Canyon Mine
P.O. Box 311
Bingham Canyon, Utah 84006-0311

RE: Permit Proposals and Waste Rock
Management, Ground Water Permit
UGW350001

Dear Mr. Hodson:

We believe our meeting November 17, 1992 was fruitful and there appears to be a feasible resolution to most of the issues regarding the permit "out of compliance issue". We will begin making the revisions to the permit immediately and send you a draft copy for review when completed.

In addition to the above we discussed other water quality issues of importance. Because your mine site is part of the recharge area for the Salt Lake Valley, and because ground water is of good usable quality downgradient the mine, the Division is concerned about the quantity of sulfide material that is being exposed to weathering. The NOI submitted to DOGM dated February 13, 1992 and revised October 1, 1992 is for the proposed mine expansion including the excavation of two new pits and the enlargement of the Melco pit. From this information we conclude three of the four pits contain considerable sulfide bearing material. Under these conditions, the proposed expansion will probably need to be covered by a ground water discharge permit because the facility (UAC R317-6-6) potentially discharges to waters of the state. As agreed in the meeting, you can provide us additional information, along with that requested in our October 30, 1992 letter, by January 15, 1993, so we can make this determination. Should the outcome be determined to be a ground water discharge permit issue, one option would be to amend the permit to include a waste rock management plan that would address the mine expansion, the existing waste rock, and the three stockpiled sulfide dumps. Should you have questions, call Mack Croft at 538-6146.

Sincerely,

Don A. Ostler, P.E.
Director

DAO:MC:gt

cc: DOGM

Salt Lake County Health Dept.

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FILE:BARNEY'S CANYON

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DIVISION OF
OIL GAS & MINING

DOGM
MINERALS PROGRAM
FILE COPY

cc Big to W. Hedberg
for mine file
cc T. Mitchell
12/1/92

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